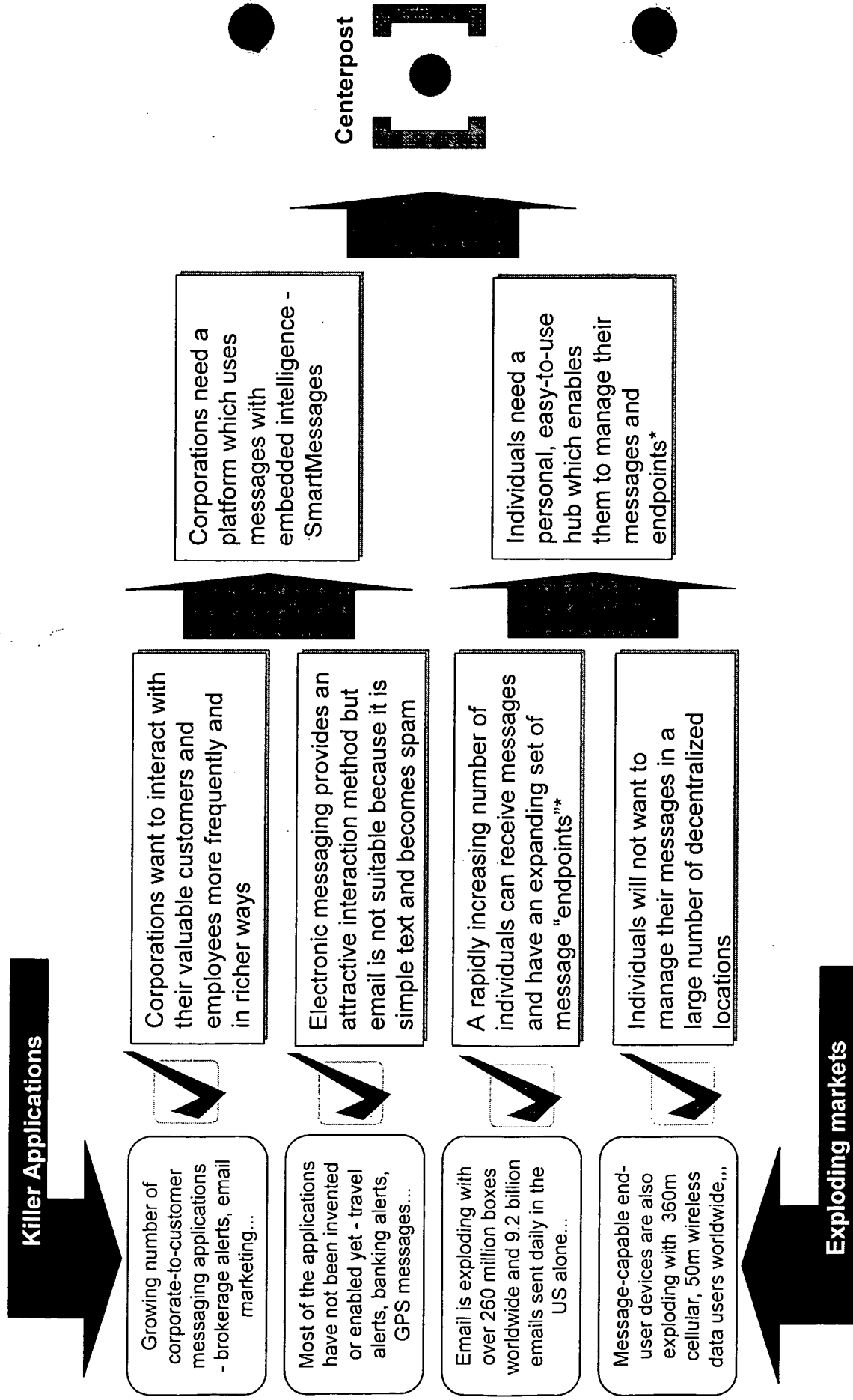


MARKET NEED FOR CENTERPOST

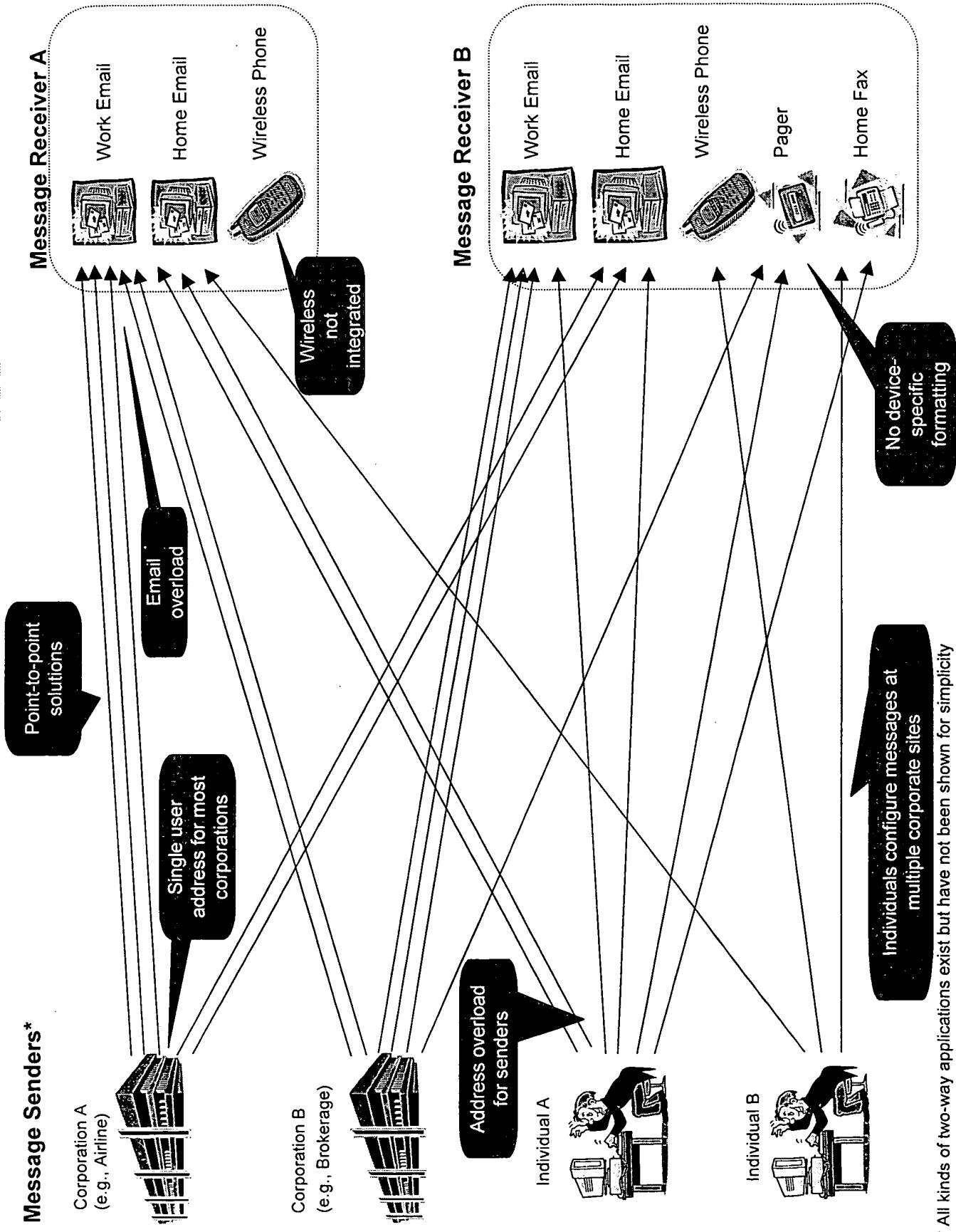
Figure 1



*Endpoints are email boxes, digital cellular phones, pagers, instant messages, fax machines, telephones, PDAs, and other such devices

ELECTRONIC MESSAGING WITHOUT CENTERPOST- EXAMPLE

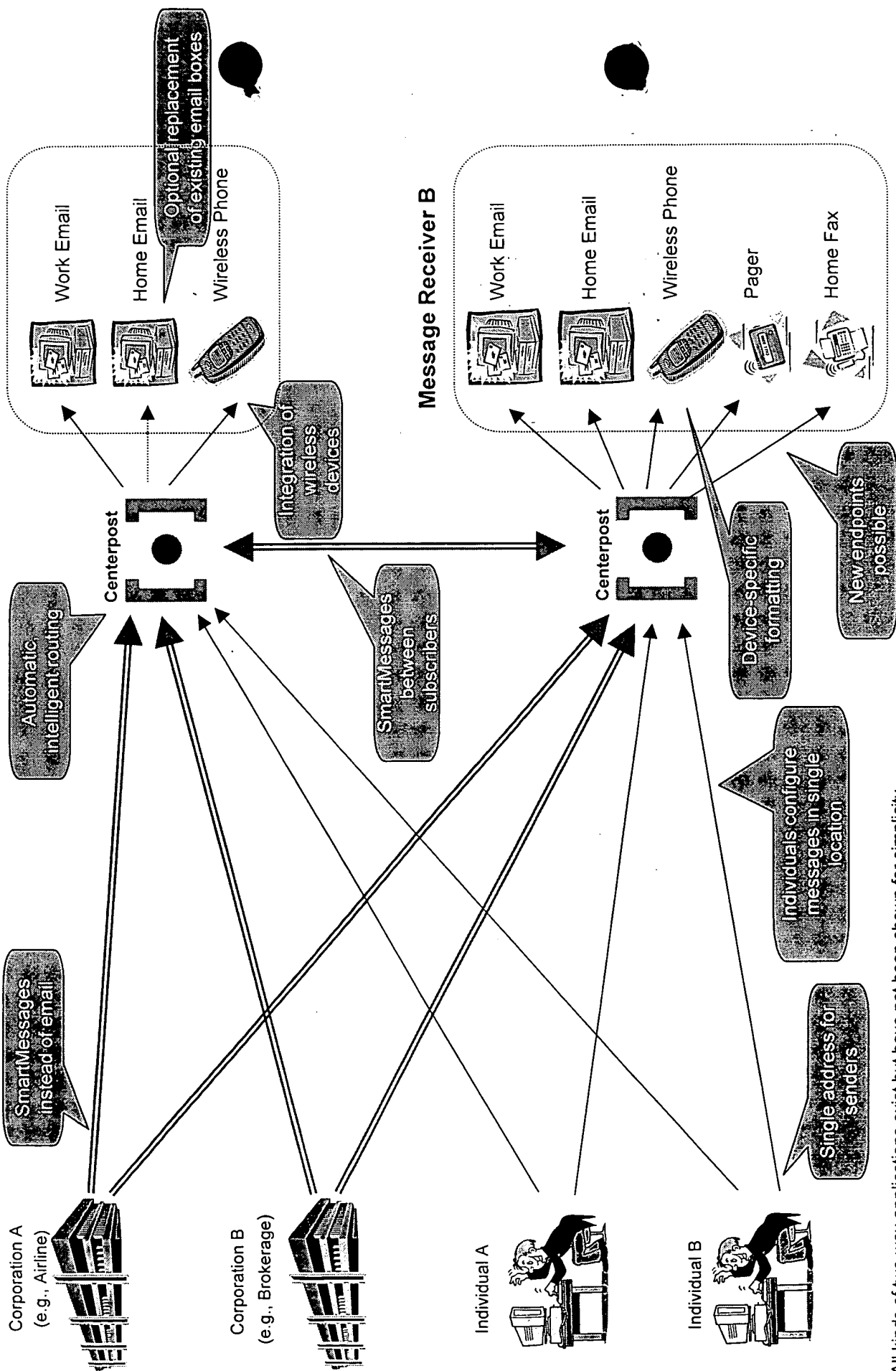
Figure 2



* All kinds of two-way applications exist but have not been shown for simplicity

ELECTRONIC MESSAGING WITH CENTERPOST - EXAMPLE

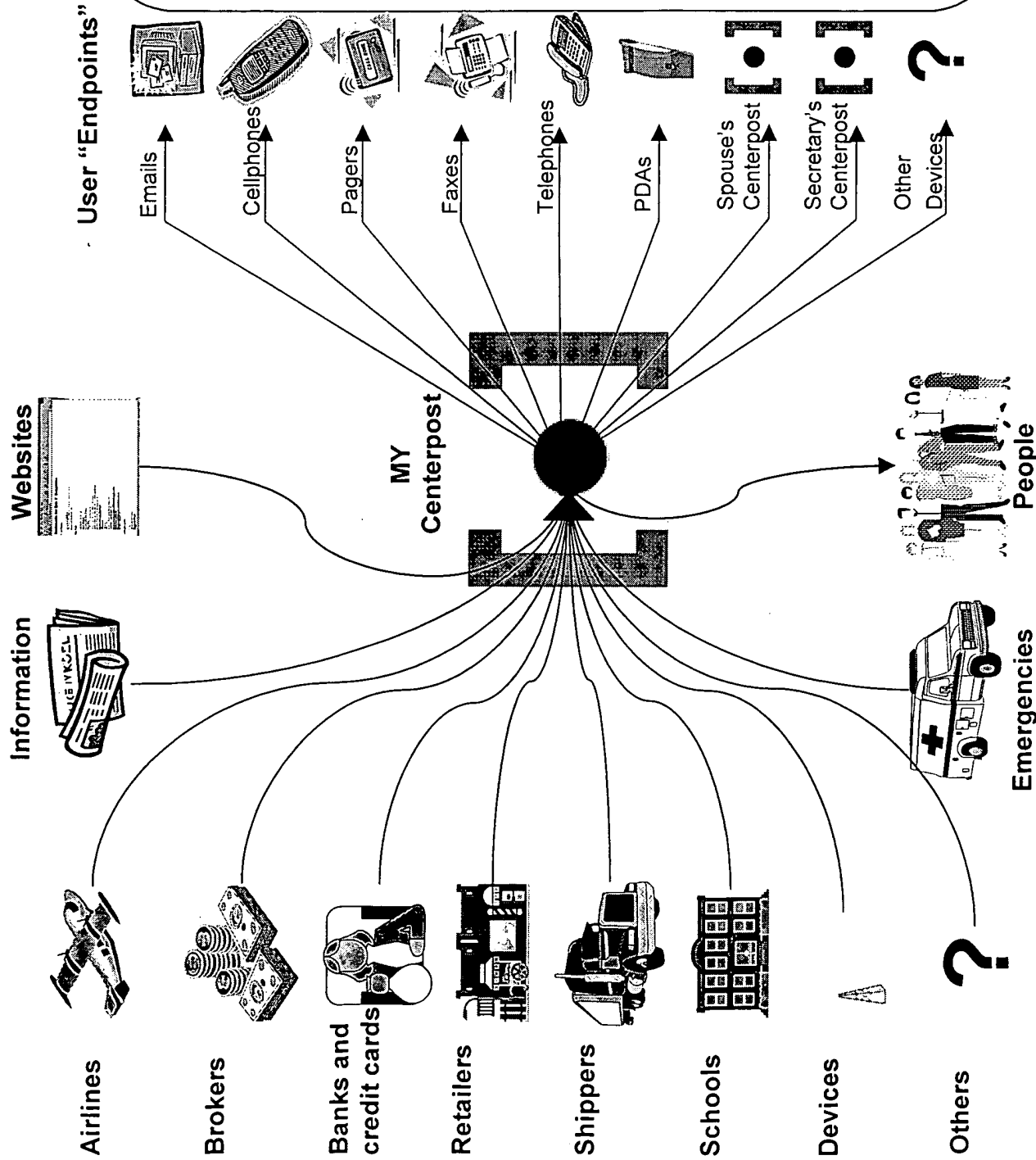
Message Senders*



* All kinds of two-way applications exist but have not been shown for simplicity

Figure 3A

THE POWER OF A CENTRALIZED, USER-CENTRIC HUB FOR CONSUMERS



- Users create a profile of potential endpoints in one location
- Users can subscribe and manage messages and interactions from one location
- Because Centerpost is centralized, it can simplify and empower a user's communications:
- [•] Coordinate and leverage all user endpoints together (e.g., send urgent messages to multiple endpoints)
- [•] Make intelligent, fully automatic decisions on what should go where without requiring input from the user (e.g., flight cancellations go to pagers and wives and assistants)
- [•] Adjust on the fly (e.g., forgot my pager today, just bought a home fax)
- [•] Leverage relationships to other specified Centerpost accounts (e.g., contact neighbor in an emergency using neighbor's endpoint profile)

Note: For simplicity, this diagram reflects one-way interaction into a user's Centerpost account. 2-way is also possible.

Figure 3B

EXAMPLE CENTERPOST INTERACTIONS FOR AN INDIVIDUAL SUBSCRIBER


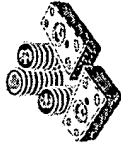







CONTENT		EXAMPLE PROCESSING RULES (for 1 subscriber)		2-WAY POTENTIAL
Airlines		<p>Booking confirmation</p> <p>Destination weather forecast</p> <p>Flight delay / cancellation</p> <p>Gate assignments</p> <p>Destination traffic alert</p> <p>Frequent flyer posting</p>	<p>Send to assistant's email; update "folio" on Centerpost</p> <p>Send to home fax on evening prior to trip</p> <p>Send to pager and copy assistant's fax; to mobile phone on weekends</p> <p>Send to pager; update PalmPilot schedule</p> <p>Send to pager; send to assistant's fax</p> <p>Consolidate and send weekly summary to home email</p>	Rebook other flight
Brokers		<p>Portfolio news</p> <p>Closing prices</p> <p>Stock alerts</p> <p>Trade alerts</p> <p>Trade expiration</p>	<p>Send to home email; send urgent taglines to pager</p> <p>Send chart to work email; update "folio" on Centerpost; enable query</p> <p>Send to home email; send to PCS phone for extreme movements</p> <p>Send to pager; request shares to buy/sell</p> <p>Send to home email</p>	<p>Send details</p> <p>Execute trade</p> <p>Execute trade</p> <p>Renew posting</p>
Banks and credit cards		<p>Low balance</p> <p>Unusual activity</p> <p>Account postings</p>	<p>Send to home fax</p> <p>Send to pager; call home phone</p> <p>Update "folio" on Centerpost; update Quicken register</p>	<p>Transfer funds</p> <p>Freeze account</p>
Retailers		<p>Special promotions</p> <p>Time sensitive promotions</p> <p>Ordered items arrived</p> <p>Ordered items shipped</p>	<p>Consolidate and send weekly summary on Fridays to home email</p> <p>Send to home email; delete when expired</p> <p>Send to home fax</p> <p>Send to home fax</p>	<p>Purchase item</p> <p>Purchase item</p> <p>Hold at store</p>
Shippers		<p>Package signed for</p> <p>Package tracking</p>	<p>Send to work email "shipments" folder; send to assistant's email</p> <p>Update "folio" on Centerpost; enable query to folio</p>	
Schools		<p>Emergency contact</p> <p>Test scores</p> <p>School events</p>	<p>Send to all devices; also send to wife's Centerpost account</p> <p>Update "folio" on Centerpost</p> <p>Send to home email</p>	
Technicians		<p>Trouble alert</p> <p>Maintenance notification</p> <p>Scheduling message</p>	<p>Follow escalation schedule; update central "folio"</p> <p>Send to work email</p> <p>Send to pager</p>	Will respond
Devices		<p>Security system alert</p> <p>Power outage</p> <p>Equipment/network alarms</p> <p>GPS transmission</p>	<p>Send to pager; ping wife's Centerpost; call neighbor phone</p> <p>Send to pager or cellphone</p> <p>Follow escalation schedule; update central "folio"</p> <p>Update map on work PC</p>	<p>False alarm</p> <p>Will respond</p>
People		<p>Email</p> <p>Address update (from assistant)</p> <p>Schedule change (from assistant)</p>	<p>Route based on various criteria; send subject to pager if urgent</p> <p>Update address book on Palm VII; PCS phone, and home email</p> <p>Update schedule on Palm VII; send to pager if urgent</p>	Reply to email

Figure 3C

Figure 4 illustrates the SmartMessage processing flow. The diagram is divided into three main sections: the top section shows the SmartMessage structure and its components, the middle section shows the processing flow, and the bottom section shows the final delivery to the endpoint.

Top Section: SmartMessage Structure

- SmartMessage (10):** A central container for the message. It includes:
 - SmartMessage Stylesheet (reference) (18):** A reference to the stylesheet used for formatting.
 - Informant Stylesheet (reference) (16):** A reference to the informant stylesheet used for formatting.
 - XML Elements:**
 - <route>**: Contains <from>, <to>, and <receipt-request>.
 - <activity>**: Contains <activity-payload>.
 - <event>**: Contains <event-payload>.
- Activity Payload (14):** An XML structure representing the activity payload, including elements like <travel-itinerary>, <originating-agent>, and </travel-itinerary>.
- Event Payload (12):** An XML structure representing the event payload, including elements like <flightcancel>, <name>, <airline>, <destname>, <destcode>, <departname>, <departcode>, <departtime>, <departdate>, <flightnum>, <newflight>, <newtime>, <newdate>, <reason>, and <customerservice>.

Middle Section: Processing Flow

- SmartMessage (10):** The central message being processed.
- referenced schemas:** A group of schemas used for processing, including:
 - SmartMessage Stylesheet (XML):** A stylesheet used for formatting.
 - Informant Stylesheet (XML):** A stylesheet used for formatting.
 - smartmessage stylesheet schema (XDR):** A schema used for processing.
 - informant stylesheet schema (XDR):** A schema used for processing.
 - smXML schema (XDR):** A schema used for processing.
- SmartMessage Transfer Agent:** A component that processes the SmartMessage and sends it to the MessageML Service Provider.
- MessageML Service Provider (20):** A component that receives the SmartMessage and sends it to the endpoint.

Bottom Section: Final Delivery

- endpoint:** The final destination where the SmartMessage is delivered.

endpoint 20

```
- <smXML xmlns="x-
  schema:http://www.devpost.com/schemas/SM/smXMLver1.1.xdr" protocol-
  version="1.1" smartmessage-id="309324dadfAA" smartmessage-date="2000-04-
  21T14:30:55" informant-style-sheet-class="http://www.centerpost.com/"
  informant-style-sheet-version="definitions/centerpostInformant11.xml"
  smartmessage-style-sheet-class="http://www.devpost.com/" smartmessage-
  style-sheet-version="definitions/centerpostDef2.xml">
- <route>
  <from reply-protocol="smtp" reply-address="admin@centerpost.com" from-
  address="cgoren@centerpost.com" />
  <to to-type="to" to-protocol="smtp" to-
  address="jbrunning@centerpost.com" />
  <receipt-request receipt-type="nak" receipt-event="processed" receipt-
  protocol="smtp" receipt-address="receipts@centerpost.com" />
</route>
- <activity activity-class="Welcome" activity-id="User9999" activity-
  url="http://www.centerpost.com" activity-title="Welcome to Centerpost"
  activity-status="Your account is now active." closed-date="2000-04-
  22T14:30:55">
- <activity-payload>
  <welcome xmlns="InformantsSchema" />
</activity-payload>
</activity>
- <event event-class="Account Created" event-id="User9999" event-
  url="http://www.centerpost.com/userinfo.asp" event-description="Your new
  Centerpost account is now active for your use.">
- <event-payload>
  <accountcreation xmlns="InformantsSchema" />
</event-payload>
</event>
</smXML>
```

Figure 5

- <smInformantStylesheet xmlns="x-
 schema:http://www.devpost.com/schemas/Def/smInformantStylesheetSchema1.1.
 informant-name="Centerpost.com" informant-stylesheet-
 class="http://www.centerpost.com/" informant-stylesheet-
 version="definitions/InformantStylesheet1.1.xml" informant-
 description="Centerpost.com, your messaging center." logo-
 url="http://www.centerpost.com/images/centerpost.gif" home-
 url="http://www.centerpost.com" informant-category="personal">
 <valid-transport-source transport-source="*@centerpost.com" transport-
 protocol="smtp" />
 <valid-transport-source transport-source="*@demopost.com" transport-
 protocol="smtp" />
 <valid-transport-source transport-source="*@devpost.com" transport-
 protocol="smtp" />
 <valid-transport-source transport-protocol="http" transport-
 source="63.140.145.*" />
 </smInformantStylesheet>

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Figure 7A

- <smSmartMessageStylesheet xmlns="x-
 schema:http://www.devpost.com/schemas/def/smsstylesheetschema1.1.xdr"
 smartmessage-stylesheet-class="http://www.devpost.com/" smartmessage-
 stylesheet-version="definitions/centerpostdef2.xml">
 - <activity-class activity-name="Web Post" activity-duration="hours" event-
 frequency="once">
 <activity-payload-schema />
 - <activity-xsl-default>
 <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
 xmlns:xsl_default="http://www.w3.org/TR/WD-xsl" />
 </activity-xsl-default>
 - <activity-xsl-endpoint endpoint-type="browser">
 <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
 xmlns:xsl_default="http://www.w3.org/TR/WD-xsl" />
 </activity-xsl-endpoint>
 - <event-class event-name="Emergency Reach" content="fyi"
 sensitivity="private" reach="individual" immediacy="minutes"
 expiration="minutes" frequency="once" context="personal">
 - <event-payload-schema>
 - <Schema name="payloadschema.xdr" xmlns="urn:schemas-
 microsoft-com:xml-data" xmlns:dt="urn:schemas-microsoft-
 com:datatypes">
 - <ElementType name="Emergency" content="eltOnly" order="seq">
 <element type="from" />
 <element type="emergencySummary" />
 <element type="emergencyDetail" />
 <element type="ContactName" />
 <element type="ContactInfo" />
 </ElementType>
 <ElementType name="from" content="textOnly" />
 <ElementType name="emergencySummary" content="textOnly" />
 <ElementType name="emergencyDetail" content="textOnly" />
 <ElementType name="ContactName" content="textOnly" />
 <ElementType name="ContactInfo" content="textOnly" />
 </Schema>
 </event-payload-schema>
 - <event-xsl-default>
 - <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
 xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
 - <xsl_default:template match="/">
 <xsl_default:apply-templates select="EmergencyReach" />
 </xsl_default:template>
 - <xsl_default:template match="EmergencyReach">
This is an Emergency Reach Centerpost SmartMessage!
From:
 <xsl_default:value-of select="from" />
Contact:
 <xsl_default:value-of select="ContactName" />
Contact Information:
 <xsl_default:value-of select="ContactInfo" />
Emergency Summary:
 <xsl_default:value-of select="emergencySummary" />

Figure 7B



```

- <TD>
  Message Text:
  <BR />
</TD>
</TR>
- <TR>
- <TD>
  - <FONT color="red">
    <xsl_default:value-of
      select="emergencyDetail" />
  </FONT>
</TD>
</TR>
- <TR>
- <TD>
  <BR />
</TD>
</TR>
- <TR>
- <TD>
  Please contact
  - <FONT color="red">
    <xsl_default:value-of
      select="ContactPerson" />
  </FONT>
</TD>
</TR>
- <TR>
- <TD>
  at:
  - <FONT color="red">
    <xsl_default:value-of
      select="ContactInfo" />
  </FONT>
</TD>
</TR>
</TABLE>
</FONT>
</BODY>
</HTML>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
- <event-xsl-endpoint endpoint-type="browser">
- <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
  xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
- <xsl_default:template match="/">
  <xsl_default:apply-templates select="EmergencyReach" />
</xsl_default:template>
- <xsl_default:template match="EmergencyReach">
- <HTML>
  <HEAD />
- <BODY>

```

```
- <FONT face="arial,helvetica">
- <table cellpadding="0" cellspacing="0" border="0">
- <tr>
- <td>
- 
- </b>
- <BR />
- <BR />
- <BR />
- <TABLE cellpadding="0" cellspacing="0" border="0">
- <TR>
- <TD>Message title:</TD>
- </TR>
- <TR>
- <TD>
- <FONT color="red">
- <xsl_default:value-of
- select="emergencySummary" />
- </FONT>
- </TD>
- </TR>
- <TR>
- <TD>
- <BR />
- </TD>
- </TR>
- <TR>
- <TD>
- Message Text:
- <BR />
- </TD>
- </TR>
- <TR>
- <TD>
- <FONT color="red">
- <xsl_default:value-of
- select="emergencyDetail" />
- </FONT>
- </TD>
- </TR>
- <TR>
- <TD>
- <BR />
- </TD>
- </TR>
```

```

    </TR>
    - <TR>
        <TD>Additional Contact Information:</TD>
    </TR>
    - <TR>
        - <TD>
            - <FONT color="red">
                <xsl_default:value-of
                    select="ContactInfo" />
            </FONT>
        </TD>
    </TR>
</TABLE>
</FONT>
</BODY>
</HTML>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
</event-class>
- <event-class event-name="Hello" frequency="once" sensitivity="normal"
    reach="individual" content="statement" immediacy="days"
    expiration="days" context="personal">
- <event-payload-schema>
    - <Schema name="payloadschema.xdr" xmlns="urn:schemas-
        microsoft-com:xml-data" xmlns:dt="urn:schemas-microsoft-
        com:datatypes">
        - <ElementType name="SayHello" content="eltOnly" order="seq">
            <element type="from" />
            <element type="shortHello" />
            <element type="longHello" />
        </ElementType>
        <ElementType name="from" content="textOnly" />
        <ElementType name="shortHello" content="textOnly" />
        <ElementType name="longHello" content="textOnly" />
    </Schema>
</event-payload-schema>
- <event-xsl-default>
    - <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
        xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
        - <xsl_default:template match="/">
            <xsl_default:apply-templates select="SayHello" />
        </xsl_default:template>
        - <xsl_default:template match="SayHello">
            This is a 'Hello' message from
            <xsl_default:value-of select="from" />
            They wanted to say
            <xsl_default:value-of select="shortHello" />
            (More details may have be included in your folio) send a
            SmartMessage at: http://www.centerpost.com/Post/
        </xsl_default:template>
    </xsl_default:stylesheet>
</event-xsl-default>

```

```

- <event-xsl-endpoint endpoint-type="html-email">
- <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
  xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
- <xsl_default:template match="/">
  <xsl_default:apply-templates select="SayHello" />
</xsl_default:template>
- <xsl_default:template match="SayHello">
- <HTML>
- <BODY>
- <FONT face="arial,helvetica">
- <table cellpadding="0" cellspacing="0" border="0">
- <tr>
- <td>
  
</b>
<BR />
<BR />
<BR />
- <TABLE cellpadding="0" cellspacing="0" border="0">
- <TR>
  <TD>They wanted to say</TD>
</TR>
- <TR>
- <TD>
- <FONT color="red">
  <xsl_default:value-of
    select="longHello" />
</FONT>
</TD>
</TR>
- <TR>
- <TD>
  <BR />
</TD>
</TR>
</TABLE>
</FONT>
</BODY>
</HTML>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
- <event-xsl-endpoint endpoint-type="browser">
- <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"

```

```

xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
- <xsl_default:template match="/">
  <xsl_default:apply-templates select="EmergencyReach" />
</xsl_default:template>
- <xsl_default:template match="EmergencyReach">
  - <HTML>
    - <BODY>
      - <FONT face="arial,helvetica">
        - <table cellpadding="0" cellspacing="0" border="0">
          - <tr>
            - <td>
              
        </b>
        <BR />
        <BR />
        <BR />
      - <TABLE cellpadding="0" cellspacing="0" border="0">
        - <TR>
          <TD>They wanted to say</TD>
        </TR>
        - <TR>
          - <TD>
            - <FONT color="red">
              <xsl_default:value-of
                select="longHello" />
            </FONT>
          </TD>
        </TR>
        - <TR>
          - <TD>
            <BR />
          </TD>
        </TR>
      </TABLE>
    </FONT>
  </BODY>
</HTML>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
</event-class>
</activity-class>
- <activity-class activity-name="Announcements" activity-duration="ongoing" event-
  frequency="monthly">

```



```
<b>Welcome to centerpost!</b>
</font>
<br />
<br />
- <font face="arial,helvetica">
  Congratulations, you've just received your first
  smart message.
  <br />
  This test message was sent to all of your
  endpoints
  <br />
  <br />
  You can start sending your own SmartMessages,
  and learn more
  <br />
  about your account at the
  <a
    href="http://www.centerpost.com/postm/pmsg1.asp">Centerpost
    web page</a>
  <br />
</font>
</body>
</html>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
- <event-xsl-endpoint endpoint-type="browser">
- <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
  xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
- <xsl_default:template match="/">
  <xsl_default:apply-templates select="Announcements" />
</xsl_default:template>
- <xsl_default:template match="Announcements">
- <html>
- <head>
  <title />
</head>
- <body>
- <table cellpadding="0" cellspacing="0" border="0">
- <tr>
- <td>
  
</tr>
</table>
<br />
- <font face="arial,helvetica" size="5" color="red">
  <b>Welcome to centerpost!</b>
</font>
<br />
<br />
- <font face="arial,helvetica">
```


<a

</body>

</xsl_default:template>

</event-xsl-endpoint>

</activity-class>

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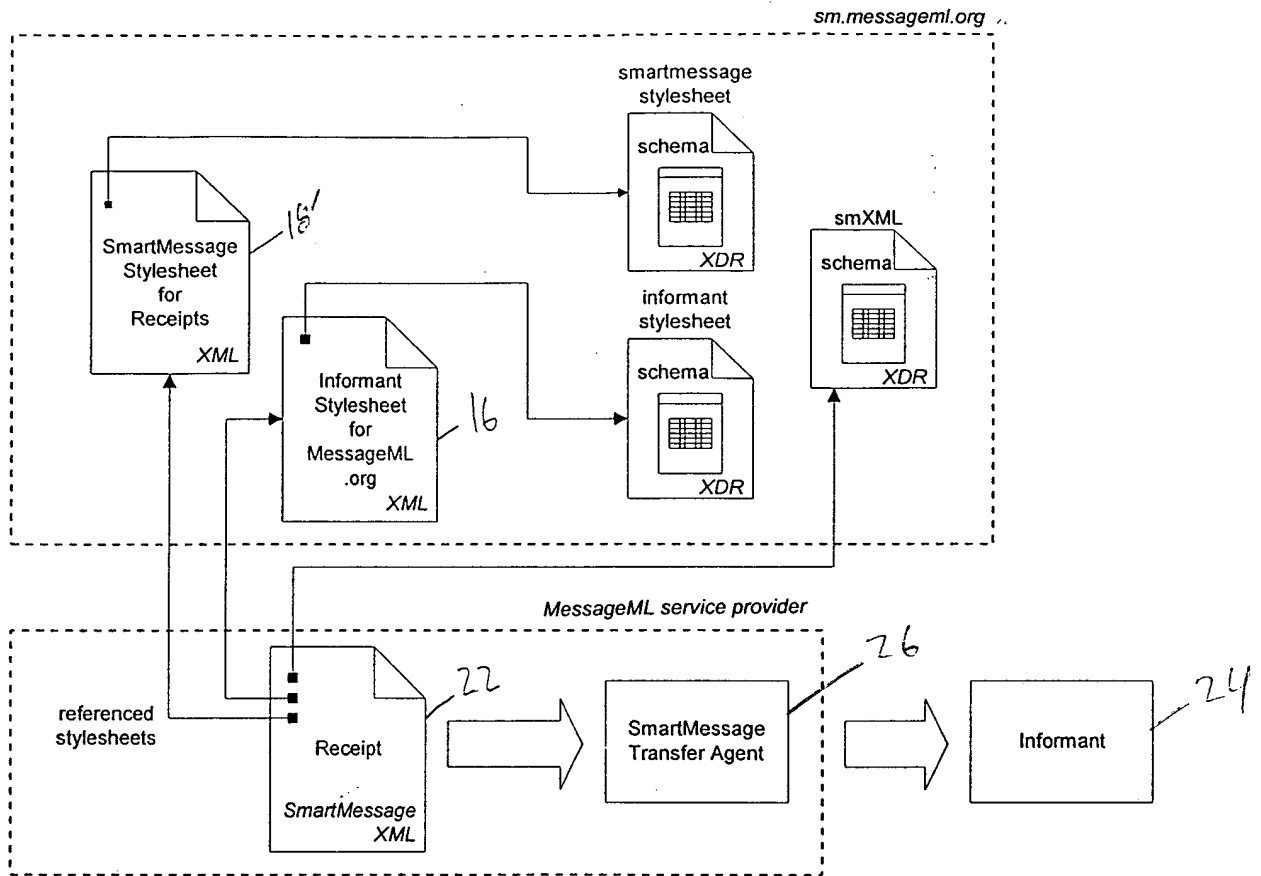


Figure 8

Receipt SmartMessage Stylesheet

```
<smSmartMessageStylesheet
  xmlns="x-schema:http://sm.smartmessage.org/schemas/stylesheet/smartmessage/v1-1.xdr"
  smartmessage-stylesheet-class="http://sm.smartmessage.org/stylesheet/receipts/"
  smartmessage-stylesheet-version="v1-0.xml">

  <activity-class
    activity-name="Receipts"
    activity-duration="ongoing"
    event-frequency="once">

    <activity-xsl-default>
      <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
        xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
        <xsl_default:template match="/" />
      </xsl_default:stylesheet>
    </activity-xsl-default>

    <event-class
      event-name="DeliveryStatus"
      purpose="information"
      sensitivity="normal"
      reach="individual"
      immediacy="days"
      frequency="daily"
      category="system">

      <event-payload-schema>
        <Schema name="deliverystatusreceipt.xdr"
          xmlns="urn:schemas-microsoft-com:xml-data"
          xmlns:dt="urn:schemas-microsoft-com:datatypes">
          <ElementType name="receipt" content="eltOnly" order="seq">
            <AttributeType name="receipt-event" dt:type="enumeration"
              dt:values="delivery-status" default="delivery-status"/>
            <AttributeType name="receipt-type" dt:type="enumeration"
              dt:values="ack nak retry" default="nak"/>
            <AttributeType name="receipt-date" dt:type="dateTime"
              required="yes"/>
            <AttributeType name="smartmessage-id" dt:type="string"
              required="yes"/>
            <AttributeType name="to-address" dt:type="string" required="yes"/>
            <AttributeType name="endpoint-type" dt:type="enumeration"
              dt:values="browser html-email text-email tiny-email fax
              voice-phone instant-message" required="yes"/>
            <AttributeType name="endpoint-address" dt:type="string"
              required="yes"/>
            <AttributeType name="last-attempt-date" dt:type="dateTime"
              required="yes"/>
            <AttributeType name="will-retry-attempt" dt:type="int"
              required="yes"/>
            <AttributeType name="will-retry-until" dt:type="dateTime"
              required="yes"/>
            <AttributeType name="next-retry-attempt" dt:type="dateTime"
              required="yes"/>
            <attribute type="receipt-event"/>
            <attribute type="receipt-type"/>
            <attribute type="receipt-date"/>
            <attribute type="smartmessage-id"/>
            <attribute type="to-address"/>
            <attribute type="endpoint-type"/>
            <attribute type="endpoint-address"/>
            <attribute type="last-attempt-date"/>
            <attribute type="will-retry-attempt"/>
            <attribute type="will-retry-until"/>
            <attribute type="next-retry-attempt"/>
            <element type="error-info" minOccurs="0" maxOccurs="1"/>
            <element type="extended-info" minOccurs="0" maxOccurs="1"/>
          </ElementType>
          <ElementType name="error-info" content="eltOnly" order="seq">
```

Figure 9

```
<AttributeType name="error-class" dt:type="enumeration"
    dt:values="http https smtp smime platform-specific"
    default="smtp" required="yes"/>
<AttributeType name="error-code" dt:type="string" required="yes"/>
<AttributeType name="error-description" dt:type="string"
    required="yes"/>
<attribute type="error-class"/>
<attribute type="error-code"/>
<attribute type="error-description"/>
</ElementType>
<ElementType name="extended-info" content="eltOnly" order="seq"/>
</Schema>
</event-payload-schema>
<event-xsl-default>
  <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
    <xsl_default:template match="/">
      <xsl_default:apply-templates select="receipt"/>
    </xsl_default:template>
    <xsl_default:template match="receipt">
```

Receipt Specific Data:

```
<event-class
  event-name="Received"
  purpose="information"
  sensitivity="normal"
  reach="individual"
  immediacy="days"
  frequency="once"
  category="miscellaneous">
```

```

        <attribute type="receipt-date"/>
        <attribute type="smartmessage-id"/>
        <attribute type="to-address"/>
        <element type="error-info" minOccurs="0" maxOccurs="1"/>
        <element type="extended-info" minOccurs="0" maxOccurs="1"/>
    </ElementType>
    <ElementType name="error-info" content="eltOnly" order="seq">
        <AttributeType name="error-class" dt:type="enumeration"
            dt:values="http https smtp smime platform-specific"
            default="smtp" required="yes"/>
        <AttributeType name="error-code" dt:type="string" required="yes"/>
        <AttributeType name="error-description" dt:type="string"
            required="yes"/>
        <attribute type="error-class"/>
        <attribute type="error-code"/>
        <attribute type="error-description"/>
    </ElementType>
    <ElementType name="extended-info" content="eltOnly" order="seq"/>
</Schema>
</event-payload-schema>
<event-xsl-default>
    <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
        xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
        <xsl_default:template match="/">
            <xsl_default:apply-templates select="receipt"/>
        </xsl_default:template>
        <xsl_default:template match="receipt">
Receipt Item
    receipt-event:      <xsl_default:value-of select="@receipt-event"/>
    receipt-type:       <xsl_default:value-of select="@receipt-type"/>
    receipt-date:       <xsl_default:value-of select="@receipt-date"/>
    smartmessage-id:    <xsl_default:value-of select="@smartmessage-id"/>
    to-address:         <xsl_default:value-of select="@to-address"/>
    error-class:        <xsl_default:value-of select="error-info/@error-class"/>
    error-code:         <xsl_default:value-of select="error-info/@error-code"/>
    error-description:  <xsl_default:value-of select="error-info/@error-description"/>

Receipt Specific Data:
    <xsl_default:value-of select="extended-info"/>
        </xsl_default:template>
        </xsl_default:stylesheet>
    </event-xsl-default>
</event-class>

<event-class
    event-name="Processed"
    purpose="information"
    sensitivity="normal"
    reach="individual"
    immediacy="days"
    frequency="once"
    category="miscellaneous">

<event-payload-schema>
    <Schema name="processedreceipt.xdr"
        xmlns="urn:schemas-microsoft-com:xml-data"
        xmlns:dt="urn:schemas-microsoft-com:datatypes">
        <ElementType name="receipt" content="eltOnly" order="seq">
            <AttributeType name="receipt-event" dt:type="enumeration"
                dt:values="processed" default="processed"/>
            <AttributeType name="receipt-type" dt:type="enumeration"
                dt:values="ack nak" default="nak"/>
            <AttributeType name="receipt-date" dt:type="dateTime"
                required="yes"/>
            <AttributeType name="smartmessage-id" dt:type="string"
                required="yes"/>
            <AttributeType name="to-address" dt:type="string" required="yes"/>
            <AttributeType name="error-code" dt:type="string" required="no"/>
            <AttributeType name="error-description" dt:type="string"
                required="no"/>
            <attribute type="receipt-event"/>

```

```

        <attribute type="receipt-type"/>
        <attribute type="receipt-date"/>
        <attribute type="smartmessage-id"/>
        <attribute type="to-address"/>
        <element type="error-info" minOccurs="0" maxOccurs="1"/>
        <element type="extended-info" minOccurs="0" maxOccurs="1"/>
    </ElementType>
    <ElementType name="error-info" content="eltOnly" order="seq">
        <AttributeType name="error-class" dt:type="enumeration"
            dt:values="http https smtp smime platform-specific"
            default="smtp" required="yes"/>
        <AttributeType name="error-code" dt:type="string" required="yes"/>
        <AttributeType name="error-description" dt:type="string"
            required="yes"/>
        <attribute type="error-class"/>
        <attribute type="error-code"/>
        <attribute type="error-description"/>
    </ElementType>
    <ElementType name="extended-info" content="eltOnly" order="seq"/>
</Schema>
</event-payload-schema>
<event-xsl-default>
    <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
        xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
        <xsl_default:template match="/">
            <xsl_default:apply-templates select="receipt"/>
        </xsl_default:template>
        <xsl_default:template match="receipt">
Receipt Item
    receipt-event:      <xsl_default:value-of select="@receipt-event"/>
    receipt-type:       <xsl_default:value-of select="@receipt-type"/>
    receipt-date:       <xsl_default:value-of select="@receipt-date"/>
    smartmessage-id:    <xsl_default:value-of select="@smartmessage-id"/>
    to-address:         <xsl_default:value-of select="@to-address"/>
    error-class:        <xsl_default:value-of select="error-info/@error-class"/>
    error-code:         <xsl_default:value-of select="error-info/@error-code"/>
    error-description:  <xsl_default:value-of select="error-info/@error-description"/>

Receipt Specific Data:
    <xsl_default:value-of select="extended-info"/>
    </xsl_default:template>
    </xsl_default:stylesheet>
    </event-xsl-default>
</event-class>
</activity-class>
</smSmartMessageStylesheet>

```


Centerpost | My smartmessages | Endpoint - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www.centerpost.com/Folio/endpt.asp

company post Informants my email my smartmessages my prefs logout

endpoints Switchboard help

ENDPOINTS

All Endpoints

Add New Endpoints

Nickname	Type	Description	Message Delivery				
Fax	Fax	My fax machine	Normal	All	Off	[details]	[test]
Pager	Text Pager / Phone	My pager/cell phone text endpoint	Normal	All	Off	[details]	[test]
WorkEmail	Email (HTML)	My email endpoint	Normal	All	Off	[details]	[test]
WorkPhone	Voice Phone	My voice phone endpoint	Normal	All	Off	[details]	[test]

HOME | PRESS | JOBS | PRIVACY | LEGAL
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Done Start Inboxes Micro 2150-21 Plan Centerpost http://www Centerpos Presentation Internet 2:31 PM

Figure 10A

Centerpost | My smartmessages | Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History

Address http://www.centerpost.com/Folio/endconfig.asp

centerpost

company post Informants my email my smartmessages my prefs logout

http://www.centerpost.com/Folio/endconfig.asp

[Endpoint Details]

Endpoint Nicknames are used to identify endpoints. Enter a Nickname using either letters or numbers. Spaces cannot be used in the Nicknames.

Nickname	Homep	Type	Voice Phone
Description		Phone number	
Nickname Addressable	<input checked="" type="radio"/> yes <input type="radio"/> no	Extension	

default endpoint delivery [?]

Choose how to determine the default delivery settings used to route SmartMessages to this endpoint.
You may change the delivery settings for existing SmartMessages in [My SmartMessages | Switchboard] at any time.

☒ Use SmartRouting

SmartRouting technology compares endpoint characteristics to SmartMessage characteristics to determine the default delivery route. This option will allow new SmartMessage types to be automatically routed to this endpoint.

☐ Advanced Options: Prompt me to customize the delivery characteristics for this endpoint

☐ None

No SmartMessage types will ever be automatically routed to this endpoint.
Only SmartMessage types routed to this endpoint in [My SmartMessages | Switchboard] will be delivered here

☐ All

By default, all SmartMessages will be delivered to this endpoint.

cancel next

Done Start Inbox - Microsoft Mail 2150-21 Plb... Centerpost... http://www... Presentation Internet 2:38 PM

Figure 10B

Centerpost | My smartmessages | Options - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History

Address http://www.centerpost.com/Folio/endconfig.asp?epType=8&epName=

centerpost

company | post | informants | my email | my smartmessages | my prefs | logout

click | endconfig | smartboard | help

[] Response Required

[] Action Required

[] Information

Sensitivity

[] Private

[] Normal

[] Public

Reach

[] Individual

[] Group

[] Mass Broadcast

Frequency

[] Hourly

[] Daily

[] Weekly

[] Monthly

[] Once

Immediacy

[] Minutes

[] Hours

[] Days

[] Weeks

[] Months

Category

(All Categories) []
Auctions []
Banking []
Career []
Community []
Credit Card []

cancel

back

next

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Done

Start

Inbox - Microsoft

2/21/00 - 21 Pla...

centerpost...

http://www...

Presentation1

Internet

2:33 PM

[Advanced Options] - 30

Please select the types of messages you would like to receive on this endpoint

You can change the default routing behavior for an individual SmartMessage in [Delivery].

Example:

If you do not want to receive private information on your work phone, leave sensitivity of Private blank.
If you only want messages that require immediate attention on your cell phone, select all values for content, sensitivity, reach, frequency, and category, but only select minutes for immediacy.

Figure 10C

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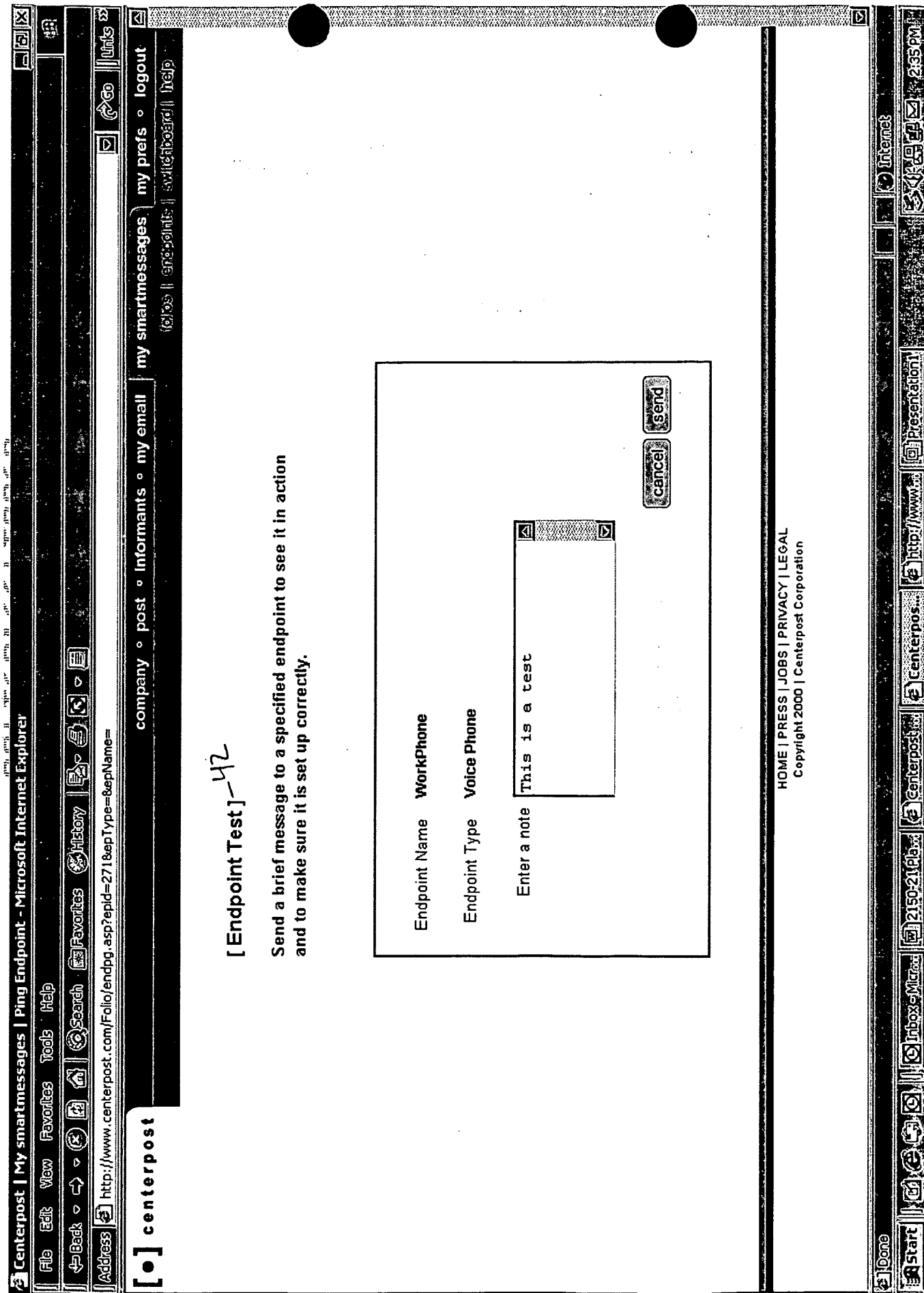


Figure 10E

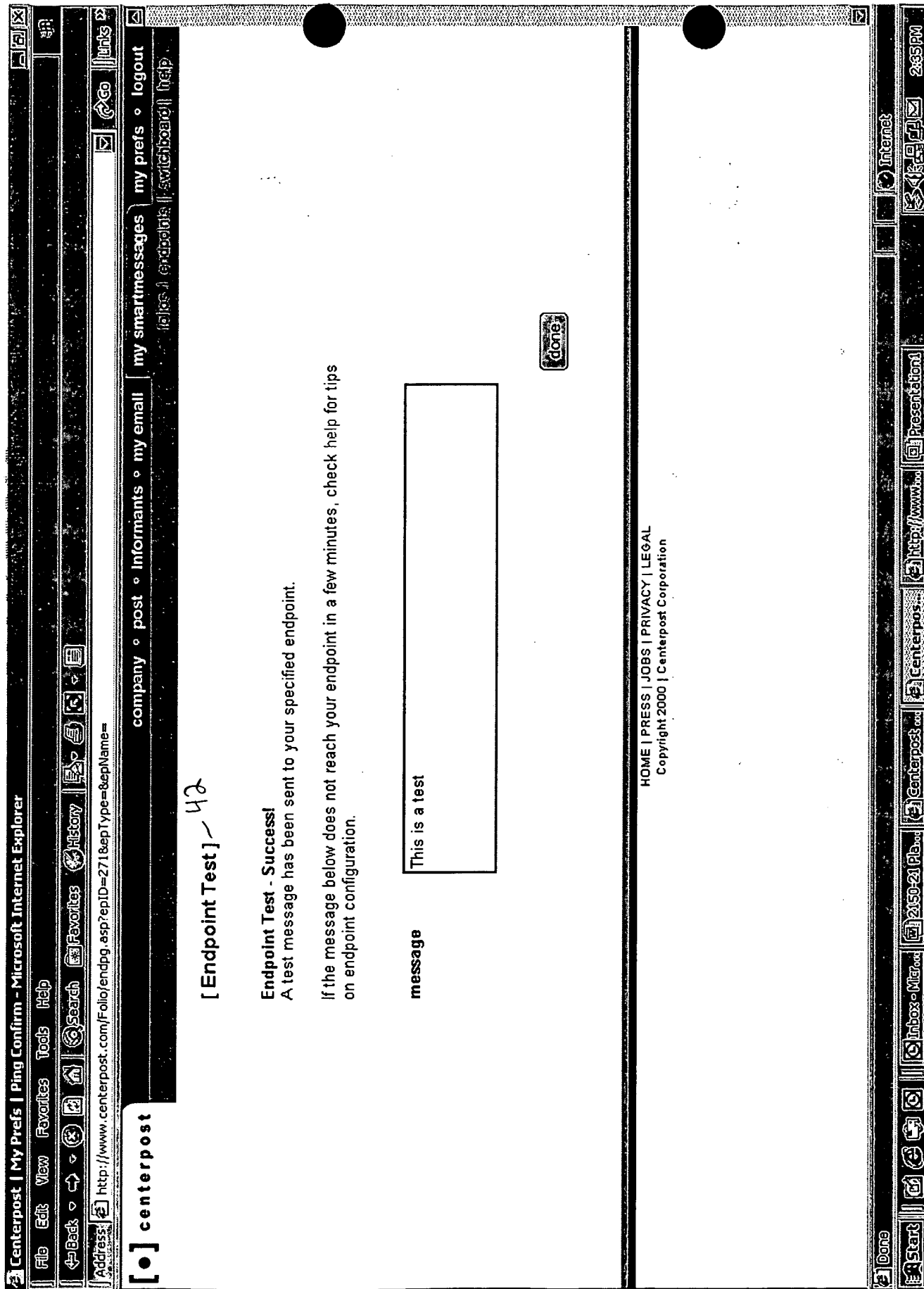


Figure 10F



COMMUNICATIONS PLATFORM DEPLOYMENT ARCHITECTURE

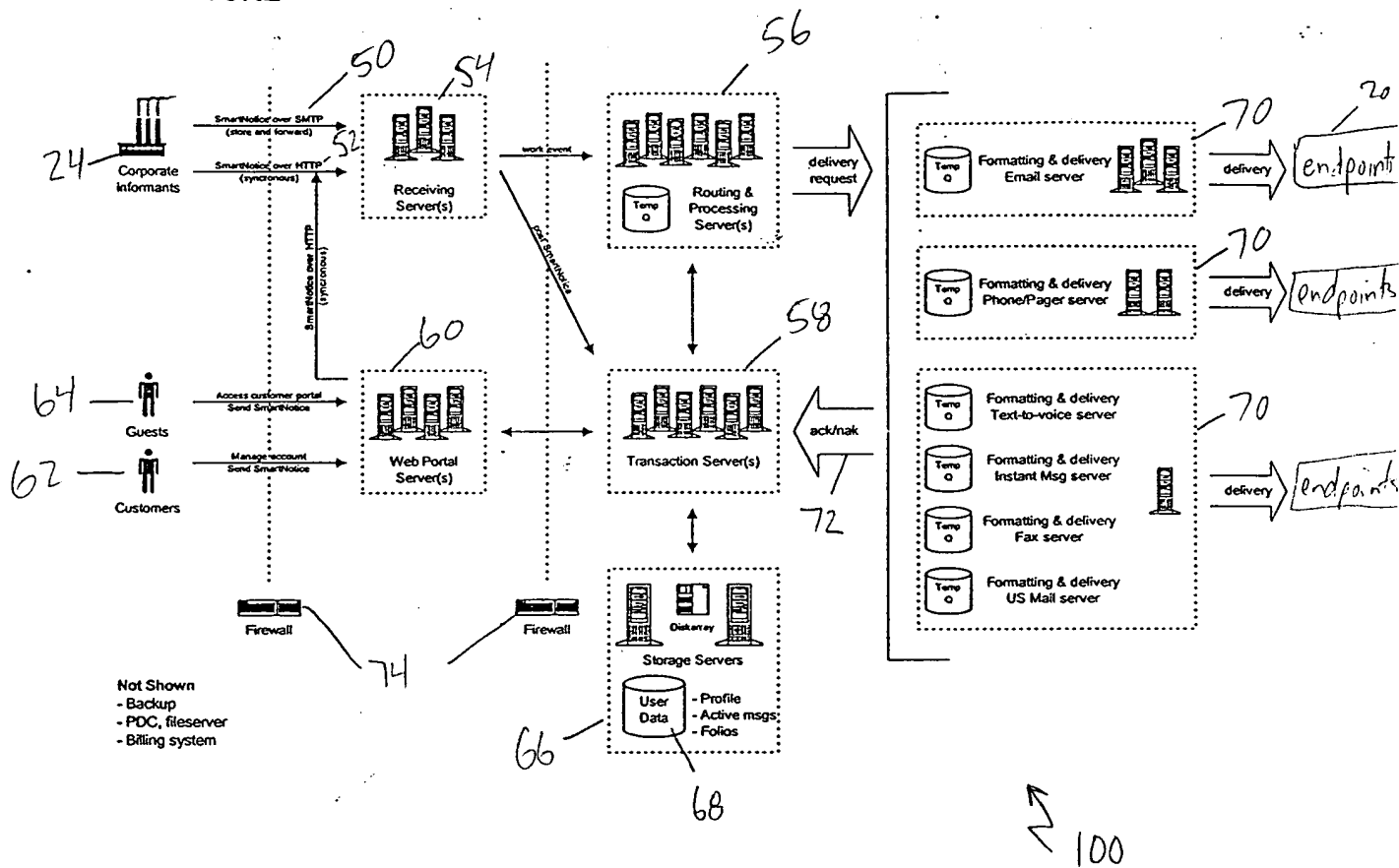


Figure 12

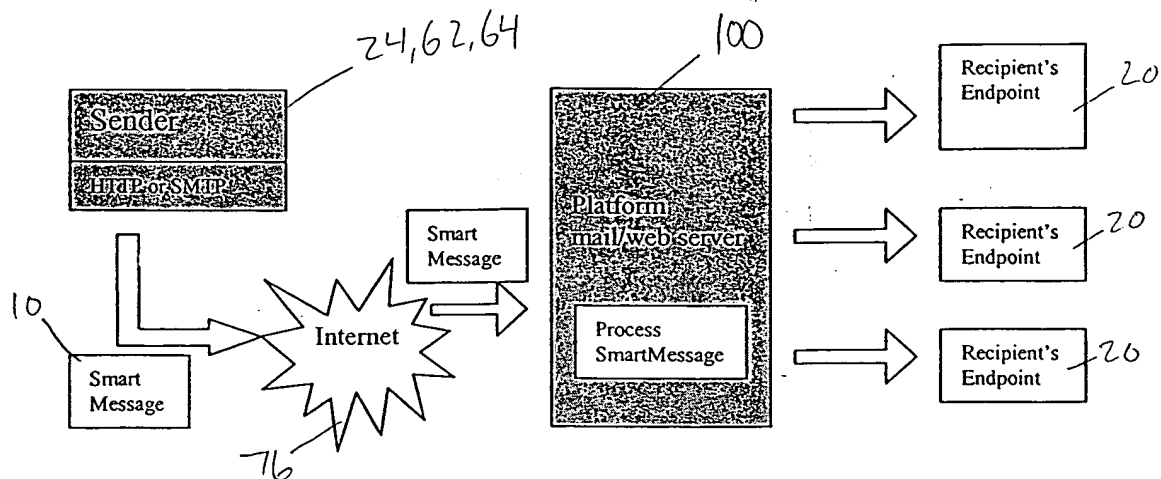


Figure 13

Folio - All Messages - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home

Search Favorites History

Address: http://www.centerpost.com/folio/folio.asp?group=1&sort=date&r=1&inf=1&infType=1

Go Links

centerpost

FOLIOS

All Folios (5)

Personal(2)

Travel(3)

Show Activity Grouping

Sort by Date

Show All

24

14

10

Informant

Activity & SmartMessage

Date

Description

• Centerpost

• FutureAir

• FutureAir

• Centerpost

Web Post - Emergency Reach Messages

Travel Itinerary - 5/1/00 flight to Atlanta

Flight Cancellation

Travel Itinerary - 5/1/00 flight to Boston

Itinerary Confirmation

Itinerary Change

Announcements

Welcome

09/13/00

09/13/00

09/13/00

09/13/00

OPEN - An Emergency Reach message was received

OPEN - Flight cancelled

Flight 219 has been cancelled.

OPEN - Itinerary Changed

Flight 230 has confirmed.

Your flight has changed.

OPEN - Welcome!

company

post

Informants

my email

my smartmessages

my prefs

logout

folios

shoppoints

newboard

help

Mark All As Read

Start

Inbox - Microsoft

2150-21 Platform

Centerpost Database

Folio - All Me...

http://www.ce...

Microsoft Power...

Internet

2:30 PM

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Figure 14


FutureAir | Welcome Aboard - Microsoft Internet Explorer

File Edit View Favorites Tools Help

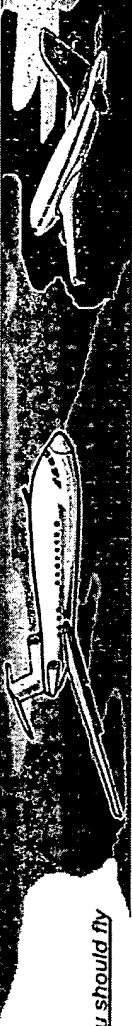
Back Forward Stop Search Favorites History


Address: http://futureair.centerpost.com/

GO Links

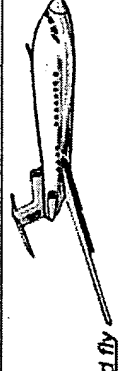


The way you should fly





The way you should fly



Home
FutureMiles
Travel
Customer Service
Logout

Message

Delivery History

[•] SmartDelivery by centerpost

[<< back]

Flight Cancellation

Ticket Holder: Jane Doe

Airline: FutureAirlines

Flight Number: 219

From: Chicago, IL (ORD) to Atlanta, GA (ATL)

6/29/2000 7:30pm

Reason: Cancellation due to bad weather.

Rescheduled Flight: Flight 999 on 6/29/2000 11:50pm

Please call customer service at 800-555-5555 if you have further questions.

©2000 FutureAir

Done

Start

Inbox - Mail

2150-21 P

Centerpost

Centerpost

http://www

Presentation

FutureAir

Internet

2:43 PM

Figure 15A

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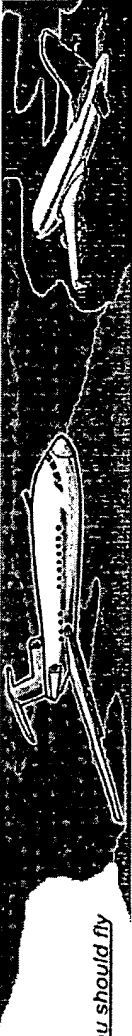
© 2000 Centerpost Corp.

FutureAir | Welcome Aboard - Microsoft Internet Explorer

File Edit View Favorites Tools Help

[Back](#)
[Forward](#)
[Home](#)
[Search](#)
[History](#)
[Favorites](#)

[Address](#)
<http://futureair.centerpost.com/>

[•] SmartDelivery by centerpost

[Message](#)
[Delivery](#)
[History](#)

[Follow endpoints](#)
[switchboard](#)
[settings](#)
[help](#)

[\[<< back](#)

Message	Date	Time	Details
Flight 219 has been cancelled.	8/31/2000	10:53:14 AM	[message] [delivery]
Flight 219 has been cancelled.	8/31/2000	10:51:30 AM	[message] [delivery]
Flight 219 has been cancelled.	8/31/2000	9:53:47 AM	[message] [delivery]
Flight 219 has been cancelled.	8/31/2000	9:33:19 AM	[message] [delivery]

Click on message or delivery to view message details

[Home](#)
[FutureMiles](#)
[Travel](#)
[Customer Service](#)
[Logout](#)

[Done](#)
[Start](#)
[Inbox - Microsoft](#)
[2150-21 Ph.D.](#)
[Centerpost out](#)
[Centerpost out](#)
[http://www.doc](#)
[Presentation1](#)
[FutureAir](#)

[Internet](#)

2:45 PM

Figure 15C